

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 7 H04N5/74

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 459 531 B1 (MIN SUNG-KI) 1 October 2002 (2002-10-01)	1-4, 10
Y	column 3; figures 5,6	5
Y	----- US 5 697 687 A (FREEMAN THOMAS EDWARD ET AL) 16 December 1997 (1997-12-16)	5
A	figure 3	1-10
A	----- EP 0 911 685 A (SONY CORP) 28 April 1999 (1999-04-28)	1-10
A	the whole document	
A	----- US 2003/112379 A1 (JUNG YOUNG-JUN) 19 June 2003 (2003-06-19)	1-4
	the whole document	
	-----	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\* & \* document member of the same patent family

Date of the actual completion of the international search

1 November 2004

Date of mailing of the international search report

10/11/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Bardella, X

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PL, IB2004/051565

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6459531	B1	01-10-2002	KR	2001056236 A	04-07-2001
			CN	1300162 A	20-06-2001
US 5697687	A	16-12-1997	JP	8307808 A	22-11-1996
EP 0911685	A	28-04-1999	EP	0911685 A1	28-04-1999
			CN	1229479 T	22-09-1999
			WO	9848324 A1	29-10-1998
			KR	2000016763 A	25-03-2000
US 2003112379	A1	19-06-2003	KR	2003050822 A	25-06-2003
			CN	1427622 A	02-07-2003